

CLAIMS

1. A trigger type fluid dispenser comprising:
a body which is provided with a discharge flow path for discharging a fluid in the horizontal direction and has a cylinder disposed in parallel with said
5 discharge flow path;
a trigger held to be swingable with respect to said body; and
a piston which slides reciprocally in said cylinder in cooperation with said trigger, wherein
said trigger includes a hook portion which is held to be swingable with
10 respect to said body, and an elastic portion in which an extension portion integrally extending from a swinging portion of said hook portion is turned down, the turned-down portion is held with respect to said body, and the tip end of said extension portion is positioned to be capable of coming into contact with said hook portion.
- 15 2. The trigger type fluid dispenser according to claim 1, wherein said trigger type fluid dispenser further comprises a cover which is installed to said body to form an internal space between said cover and said discharge flow path, and the turned-down portion of said trigger is held by said body or cover.
- 20 3. The trigger type fluid dispenser according to claim 1, wherein said trigger type fluid dispenser further comprises a discharge valve which is opened by the push-in action of said piston to discharge a fluid in said discharge flow path to the outside, and a suction valve which is opened by the push-back action of said piston to suck a fluid into said discharge flow path.
- 25 4. The trigger type fluid dispenser according to claim 3, wherein said discharge valve and said suction valve are tongue-shaped elements integrally provided on a core element which is inserted in said discharge flow path and said internal space to form a flow path between said discharge flow path and said internal space, and said discharge valve is located near a discharge port of said discharge flow path and said suction valve is located in said internal space.
- 30 5. The trigger type fluid dispenser according to claim 3, wherein said discharge valve and said suction valve are tongue-shaped elements integrally provided on a core element which is inserted in said discharge flow path and said internal space to form a flow path between said discharge flow path and said

internal space, and said discharge valve and said suction valve are located in said internal space.

6. The trigger type fluid dispenser according to claim 3, wherein said suction valve includes a first core element which is inserted in said internal space
5 or in said internal space and discharge flow path and has an internal flow path, and a second core element which is inserted in said discharge flow path and has a valve element which closes said internal flow path and a first hollow tube for holding said valve element to be capable of opening and closing said valve
10 element via a spring, and said discharge valve includes a third core element which is inserted in said first hollow tube and said discharge flow path and has a valve element which closes said first hollow tube and a second hollow tube for holding said valve element to be capable of opening and closing said valve element via a spring.

7. The trigger type fluid dispenser according to claim 1, wherein said
15 body integrally includes a spin element near the discharge port of said discharge flow path.

8. The trigger type fluid dispenser according to claim 1, wherein said body integrally includes a connecting portion for connecting said body to a mouth of a container body.

20 9. The trigger type fluid dispenser according to claim 1, wherein said trigger is arranged so that said elastic portion is located on almost the same level as said discharge flow path.

10. The trigger type fluid dispenser according to claim 1, wherein said elastic portion is configured so that on one side of the turned-down portion of said
25 extension portion, a bent portion in which said extension portion is bent at least one place is provided, and on the other side thereof, a wavy portion in which said extension portion is bent at a plurality of places is provided.

11. The trigger type fluid dispenser according to claim 1, wherein either one of said trigger and said piston has a holding pin and the other has an opening
30 having a diameter larger than that of said holding pin, and by inserting said holding pin in said opening, said trigger and said piston are operated in cooperation with each other.